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450101-02920**REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith. The present After-Final Amendment is being made to facilitate prosecution of the application and does not require further search.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 17-25 are pending in this application. Claims 17, 24, and 25, which are independent, have been amended. It is submitted that these claims, as originally presented, were in full compliance with the requirements 35 U.S.C. §112. Support for this amendment is provided throughout the Specification as originally filed. No new matter has been introduced by this amendment. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which the Applicant is entitled.

II. REJECTIONS UNDER 35 U.S.C. § 102(b)

Claims 17-25 were rejected under 35 U.S.C. §102(b) as allegedly anticipated by U.S. Patent No. 4,870,576 to Tornetta, et al.

Independent claim 17, as amended, now recites, *inter alia*:

“...wherein said inheritance information is made up of a plurality of characteristics,

wherein at least one of said plurality of characteristics is determined by a combination of corresponding characteristics of at least two parent robots and is not affected by aging and learning, and

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wherein at least one of said plurality of characteristics is initialized by a combination of corresponding characteristics of at least two parent robots and is affected by aging and learning." (emphasis added)

As understood by Applicant, U.S. Patent No. 4,870,576 to Tornetta, et al.

(hereinafter, merely "Tornetta") relates to a system for locating real estate properties to potentially be purchased using a graphical locator interface with permits the definition of certain desired criteria.

Applicant submits that nothing has been found in Tornetta that would teach or suggest the above-identified features of claim 17. Therefore, Applicant submits that claim 17 is patentable.

For reasons similar to those described above with regard to independent claim 1, amended independent claims 24 and 25 are also believed to be patentable.

III. REJECTIONS UNDER 35 U.S.C. § 102(e)

Claims 17, 19-23 and 25 were rejected under 35 U.S.C. §102(e) as allegedly anticipated by U.S. Patent No. 6,160,986 to Gabai, et al.

Independent claim 17, as amended, now recites, *inter alia*:

"...wherein said inheritance information is made up of a plurality of characteristics,

wherein at least one of said plurality of characteristics is determined by a combination of corresponding characteristics of at least two parent robots and is not affected by aging and learning, and

wherein at least one of said plurality of characteristics is initialized by a combination of corresponding characteristics of at least two parent robots and is affected by aging and learning." (emphasis added)

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As understood by Applicant, U.S. Patent No. 6,160,986 to Gabai, et al. (hereinafter, merely "Gabai") relates to an interactive toy apparatus including: a toy having a fanciful physical appearance and including: at least one audio transducer; and a toy transceiver communicating with the audio transducer; and a computer including: a user input receiver; a user information storage unit storing information relating to a user's preferences received from a user via the user input receiver and relating to a user; a computer transceiver; a speech recognition unit receiving speech inputs from the user; and an interactive content controller employing the information relating to the user's preferences received via the user input receiver and stored in the user information storage unit and also employing the speech recognition output for providing interactive audio content to the user at the toy.

Applicant submits that nothing has been found in Gabai that would teach or suggest the above-identified features of claim 17. Therefore, Applicant submits that claim 1 is patentable.

For reasons similar to those described above with regard to independent claim 1, amended independent claims 24 and 25 are also believed to be patentable.

IV. REJECTIONS UNDER 35 U.S.C. § 103(a)

Claims 17-25 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,594,649 to Sadakuni.

Independent claim 17, as amended, now recites, *inter alia*:

"...wherein said inheritance information is made up of a plurality of characteristics,

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wherein at least one of said plurality of characteristics is determined by a combination of corresponding characteristics of at least two parent robots and is not affected by aging and learning, and

wherein at least one of said plurality of characteristics is initialized by a combination of corresponding characteristics of at least two parent robots and is affected by aging and learning.” (emphasis added)

As understood by Applicant, U.S. Patent No. 6,594,649 to Sadakuni (hereinafter, merely “Sadakuni”) relates to modifying behavior of a device based on the device's experience. The device includes a sensing unit for sensing signals, a concern-generating unit programmed to generate concern-parameters, an emotion-generating unit programmed to generate emotion-parameters, and an actuating unit for actuating the device. When the device is in a situation, the device extracts memory relevant to the situation to obtain concern-parameters previously generated in the situation. The behavior of the device is regulated by concern-parameters in the memory and emotion-parameters generated based on the concern-parameters, and accordingly, the device can modify or improve its behavior.

Applicant submits that nothing has been found in Sadakuni that would teach or suggest the above-identified features of claim 17. Therefore, Applicant submits that claim 1 is patentable.

For reasons similar to those described above with regard to independent claim 1, amended independent claims 24 and 25 are also believed to be patentable.

V. DEPENDENT CLAIMS

The other claims are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the above-identified reasons.

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Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

In the event the Examiner disagrees with any of the statements appearing above with respect to the disclosures in the cited references, it is respectfully requested that the Examiner specifically indicate the portion, or portions, of the reference, or references, providing the basis for a contrary view.

Applicant submits that this After-Final Amendment does not require further search and that all of the claims are in condition for allowance. Applicant respectfully requests entry of this After-Final Amendment and early passage to issue of the present application.

Please charge any fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,
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